**Course:** ENSF 337 – Fall 2020

**Lab #:** Lab 1

**Instructor:** Moussavi

**Student Name:** Quentin Jennings

**Lab Section:** B03

**Submission Date:** 09-21-20

**Exercise B Sample Output:**

please enter the velocity at which the projectile is launched (m/sec):

20

Angle t d

(deg) (sec) (m)

0 0.000000 0.000000

5 0.355738 7.087681

10 0.708768 13.960006

15 1.056404 20.408163

20 1.396001 26.236229

25 1.724972 31.267120

30 2.040816 35.347976

35 2.341128 38.354801

40 2.623623 40.196235

45 2.886150 40.816327

50 3.126712 40.196235

55 3.343478 38.354801

60 3.534798 35.347976

65 3.699215 31.267120

70 3.835480 26.236229

75 3.942554 20.408163

80 4.019623 13.960006

85 4.066101 7.087681

90 4.081633 -0.000000

**Exercise 3 AR Diagrams:**

